

Tomoyuki Miura

Kagoshima University, Kagoshima, Japan 890

Alexander I. Muir

The Natural History Museum, London SW7 5BD, U.K.

We write as the Nomenclatural Sub-Committee of the International Polychaete Association with a response on the application (BZN 52: 27–33) by Dr P.H. Gibson and Mr David Heppell to conserve the specific names of *Dodecaceria concharum* Örsted, 1843 and *D. funbriata* (Verrill, 1879), the comment by Pleijel & Mackie (BZN 52: 261–262), and the reply by Heppell & Gibson (BZN 52: 329–331).

1. The argument that the creation of a neotype for *Dodecaceria concharum* from outside the type locality will stabilise the name cannot be substantiated. The species within this genus have been so poorly defined that they can only be separated by specialist polychaete systematists. Therefore it is not surprising that they have been separated in marine faunas (which are compiled from records of specialists) but not differentiated in ecological reports written by generalists.

2. Pleijel & Mackie further suggest that the current distribution of the genus in northern European waters may be more complicated than currently thought and a correct historical interpretation will be less likely to confuse future workers, and we strongly agree with this. We concur fully with Pleijel & Mackie's comment that if the designation of a neotype for *D. concharum* is considered desirable then it should be from one of the localities mentioned by Örsted.

3. The non-systematic literature on the genus *Dodecaceria* is sparse, mainly consisting of papers on reproductive biology by Dr Gibson. If he publishes the correct name in his next paper it will be picked up by future workers and no confusion will occur.

4. We therefore suggest that there is no need for the Commission to use its plenary powers. No confusion will result from agreeing with the correct nomenclatural conclusion of George & Petersen (1991), rather than the reasoning of Gibson & Heppell. There is no justification for suppressing the specific names requested by Gibson & Heppell: *Nereis sextentacula* delle Chiaje, 1828 (see Muir, 1989, for the dating of this paper), *Terebella ostreae* Grube, 1853, *Heterocirrus saxicola* Grube, 1853 and *H. ater* Quatrefages, 1865.

Additional reference

Muir, A.I. 1989. Species of the genus *Sigalion* (Annelida: Polychaeta) reported from north-west European waters, with a note on the authorship of the generic name. *Cahiers de Biologie Marine*, 30: 339–345.

Comment on the proposed conservation of *Monstrilla* Dana, 1849 and *Thaumaleus* Krøyer, 1849 (Crustacea, Copepoda)
(Case 2894; see BZN 52: 245–249)

Charles C. Davis

Department of Biology, Memorial University of Newfoundland, St John's,
Newfoundland, Canada A1B 3X9